



UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/311,890	05/14/99	SABRY	J 19681-2

020350
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HM12/0901

EXAMINER
OGIHARA, N

ART UNIT	PAPER NUMBER
1631	5

DATE MAILED: 09/01/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary	Application No.	Applicant(s)	
	09/311,890	SABRY ET AL.	
	Examiner Nancy Ogihara	Art Unit 1631	
<i>-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</i>			
Period for Reply			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>1</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.			
<ul style="list-style-type: none"> - Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). 			
Status			
1) <input type="checkbox"/> Responsive to communication(s) filed on _____.			
2a) <input type="checkbox"/> This action is FINAL . 2b) <input type="checkbox"/> This action is non-final.			
3) <input type="checkbox"/> Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.			
Disposition of Claims			
4) <input checked="" type="checkbox"/> Claim(s) <u>1-28</u> is/are pending in the application.			
4a) Of the above claim(s) _____ is/are withdrawn from consideration.			
5) <input type="checkbox"/> Claim(s) _____ is/are allowed.			
6) <input type="checkbox"/> Claim(s) _____ is/are rejected.			
7) <input type="checkbox"/> Claim(s) _____ is/are objected to.			
8) <input checked="" type="checkbox"/> Claims <u>1-28</u> are subject to restriction and/or election requirement.			
Application Papers			
9) <input type="checkbox"/> The specification is objected to by the Examiner.			
10) <input type="checkbox"/> The drawing(s) filed on _____ is/are objected to by the Examiner.			
11) <input type="checkbox"/> The proposed drawing correction filed on _____ is: a) <input type="checkbox"/> approved b) <input type="checkbox"/> disapproved.			
12) <input type="checkbox"/> The oath or declaration is objected to by the Examiner.			
Priority under 35 U.S.C. § 119			
13) <input type="checkbox"/> Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).			
a) <input type="checkbox"/> All b) <input type="checkbox"/> Some * c) <input type="checkbox"/> None of the CERTIFIED copies of the priority documents have been:			
1. <input type="checkbox"/> received.			
2. <input type="checkbox"/> received in Application No. (Series Code / Serial Number) _____.			
3. <input type="checkbox"/> received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).			
* See the attached detailed Office action for a list of the certified copies not received.			
14) <input type="checkbox"/> Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).			
Attachment(s)			
15) <input type="checkbox"/> Notice of References Cited (PTO-892)		18) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ .	
16) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)		19) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)	
17) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .		20) <input type="checkbox"/> Other: _____ .	

Election/Restrictions

- I. Claims 1-10, drawn to a system for capturing images of cells, classified in class 702, subclass 19.
- II. Claims 11-15, drawn to a database system, classified in class 702, subclass 19.
- III. Claims 16-18, drawn to a system for capturing cellular information, classified in class 702, subclass 19.
- IV. Claims 19-28, drawn to a system for acquiring knowledge from cellular information, classified in class 702, subclass 19.

The inventions are distinct, each from the other because of the following reasons:

Groups I and II are separate and distinct as they are each drawn to differing methods with differing objectives, method steps, and outcomes. Group I is drawn to a system for digitizing images, whereas Group II is drawn to a system for combining multiple images for storage and retrieval. As such the Inventions would require searching in separate and non-overlapping areas, imposing an undue search burden upon the examiner if not restricted.

Groups I and III are separate and distinct as they are each drawn to differing methods with differing objectives, method steps, and outcomes. Group I is drawn to a system for digitizing images, whereas Group III is drawn to providing descriptors for cellular features. As such the Inventions would require searching in separate and non-overlapping areas, imposing an undue search burden upon the examiner if not restricted.

Groups I and IV are separate and distinct as they are each drawn to differing methods with differing objectives, method steps, and outcomes. Group I is drawn to a system for digitizing images, whereas Group IV is drawn to an acquisition system comprising translation and prediction modules which are not required or encompassed by the system of Group I. As such the Inventions would require searching in separate and non-overlapping areas, imposing an undue search burden upon the examiner if not restricted.

Groups II and III are separate and distinct as they are each drawn to differing methods with differing objectives, method steps, and outcomes. Group II is drawn to a system for combining multiple images for storage and retrieval, whereas Group III is drawn to providing descriptors for

cellular features. As such the Inventions would require searching in separate and non-overlapping areas, imposing an undue search burden upon the examiner if not restricted.

Groups II and IV are separate and distinct as they are each drawn to differing methods with differing objectives, method steps, and outcomes. Group II is drawn to a system for combining multiple images for storage and retrieval, whereas Group IV is drawn to an acquisition system comprising translation and prediction modules which are not required or encompassed by the system of Group II. As such the Inventions would require searching in separate and non-overlapping areas, imposing an undue search burden upon the examiner if not restricted.

Groups III and IV are separate and distinct as they are each drawn to differing methods with differing objectives, method steps, and outcomes. Group III is drawn to providing descriptors for cellular features, whereas Group IV is drawn to an acquisition system comprising translation and prediction modules which are not required or encompassed by the system of Group III. As such the Inventions would require searching in separate and non-overlapping areas, imposing an undue search burden upon the examiner if not restricted.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nancy Ogihara whose telephone number is (703) 308-9363. The examiner can be reached Monday-Friday from 8:30-6:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Michael Woodward can be reached at (703) 308-4028.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist, whose telephone number is (703) 308-0196.

Papers related to this application may be submitted to Group 1631 by facsimile transmission. Papers should be faxed to Group 1631 via the PTO Fax Center located in Crystal Park I. The faxing of such papers must conform with the notice published in the Official Gazette 1096 OG 30 (November 15, 1989). The CMI Fax Center number is (703) 308-4242.

Nancy Ogihara
August 28, 2000

Ardin H. Marschel
ARDIN H. MARSCHEL
PRIMARY EXAMINER